MODERN BUILDINGS FACTORY

Saudi Arabia Homebuilding

Firm
Larson Design Group
Pittsburgh, PA

Client
MBFactory
Saudi Arabia

Owner
JSJ HOLDINGS FBO KSA
Saudi Arabia

Current demand for new housing in the Kingdom of Saudi Arabia is 1.5 million single-family dwellings, and demographics require a minimum of 200,000 additional homes, per year, for the next 10 years. To meet this demand, Modern Buildings Factory has consulted with Larson Design Group and a team of Saudi Arabian designers and contractors, in cooperation with the Ministry of Housing. They are creating an innovative method of bringing modern housing to the marketplace, featuring re-defined improvements to building/technology systems. Traditional poured-in-place concrete is being replaced by panelized components. Inefficient jobsite construction is being replaced by a cooled factory floor, with high-quality modular fabrication, assembly and installation. Time in the field has been reduced from months to weeks, making the process faster, cleaner and easier, while still allowing for custom design aesthetics, energy-efficient features, superior quality control and improved safety. The program will shift into mass production throughout the Middle East.

Modular design and construction allow for customization & flexibility.

Compare the clean, well-lit factory floor with the hazards of working in outdoor extreme weather elements.

Consumers widely accept & appreciate the modular manufacturing concept to meet their expectations of an upscale lifestyle.

The Arabian architecture translated through modular construction & factory automation.

Modular framing & panelized construction are safer, faster & cleaner ways to deliver a typical house.